



UCF 341

JULY 16, 2002

PTAS

BRIAN S. STEINBERGER, ESQ.  
101 BREVARD AVE  
COCOA, FL 32922

Chief Information Officer  
Washington, DC 20231  
[www.uspto.gov](http://www.uspto.gov)



\*102091757A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/08/2002

REEL/FRAME: 012888/0230  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
REN, HONGWEN

DOC DATE: 05/06/2002

ASSIGNOR:  
WU, SHIN TSON

DOC DATE: 05/06/2002

ASSIGNEE:  
CENTRAL FLORIDA, UNIVERSITY OF  
4000 CENTRAL FLORIDA BLVD. ADM-243  
ORLANDO, FLORIDA 32816

SERIAL NUMBER: 10141582  
PATENT NUMBER:

FILING DATE: 05/08/2002  
ISSUE DATE:

JEEVON JONES, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



Assignment submitted with initial filing

Attorney Docket N :: UCF-341  
First Named Inventor: HONGWEN REN

## ASSIGNMENT

As a below named inventor(s) of an invention or improvement entitled: **TUNABLE ELECTRONIC LENS AND PRISMS USING INHOMOGENEOUS NANO-SCALE LIQUID CRYSTAL DROPLETS** the specification of which is filed herewith, and for which is

Attached hereto.

and for which we have executed an application for Letters Patent of the United States of America on even date herewith; and

WHEREAS, UNIVERSITY OF CENTRAL FLORIDA, a state university organized and existing under the laws of the State of Florida, having its principal office and place of business in the City of Orlando, State of Florida, is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application in the United States of America and in any and all countries foreign thereto;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we have sold, assigned, transferred, and set over, and by these presents do hereby sell, assign, transfer, and set over, unto said UNIVERSITY OF CENTRAL FLORIDA, its successor, legal representatives, and assigns, my entire right, title, and interest in, to, and under the said invention, and the said application, and all divisional, renewal, substitution, and continuing applications, thereof, and all Letters Patent of the United States of America which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may be filed for said invention, in any country or countries foreign to the United States of America, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, all rights to register said invention, in appropriate registries, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States of America, and all extensions, renewals, and reissues thereof, and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to said UNIVERSITY OF CENTRAL FLORIDA, its successors, legal representatives, and assigns, in accordance with the terms of this instrument.

And I/we hereby further covenant and agree that I/we will communicate to said UNIVERSITY OF CENTRAL FLORIDA, its successors, legal representatives, and assigns, any fact known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisions, renewal, substitution, continuing, and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to aid said UNIVERSITY OF CENTRAL FLORIDA, its successors, legal representative, and assigns, to obtain and enforce proper patent protection for said invention in all countries.

IN TESTIMONY WHEREOF, I/we authorize and affirm said assignments with the signatures set forth below on the indicated date(s).

Inventor:

Hongwen Ren  
HONGWEN REN

Date: 5/6/02

  
SHIN-TSON WU

Date: 5/6/02

## DECLARATION AND POWER OF ATTORNEY

Page 1 of 2

## DECLARATION AND POWER OF ATTORNEY

X Declaration submitted with initial filing**Attorney Docket No.: UCF-341**  
**First Named Inventor: HONGWEN REN**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter, which is claimed and for which a patent is sought on the invention entitled: **TUNABLE ELECTRONIC LENS AND PRISMS USING INHOMOGENEOUS NANO-SCALE LIQUID CRYSTAL DROPLETS** the specification of whichX Attached hereto.

I hereby state that I have read and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose information, which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

NONE

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

NONE

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and agents with full power of substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

BRIAN S. STEINBERGER      ROLAND A. DEXTER      JOYCE P. MORLIN  
Registration Number 36,423      Registration Number 17,668      Registration Number 29,170

I do not know and do not believe that this invention was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof, or more than one year prior to this application, or in public use or on sale in the United States more than one year prior to this application, that this invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States on an application filed by me or my legal representatives or assigns more than twelve months prior to this application.

Declaration and Power of Attorney Pg. 2 of 2  
DECLARATION AND POWER OF ATTORNEY

Atty. Dkt. No. UCF-341

The Patent and Trademark Office is requested to direct all mail and telephone calls to:

Law Offices of Brian S. Steinberger  
Registered Patent Attorneys  
Brian S. Steinberger, Registration No. 36,423  
Roland A. Dexter, Registration No. 17,668  
Joyce P. Morlin, Registration No. 29,170  
101 Brevard Avenue  
Cocoa, Florida 32922  
Client No.: 23717  
(321) 633-5080  
FAX: (321) 633-9322

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Inventor: HONGWEN REN  
Citizenship: China  
Residence address: 12126 Napiers Circle  
Orlando, FL 32826

Hongwen Ren  
Signature

Date: 5/6/02

Name of Inventor: SHIN-TSON WU  
Citizenship: United States of America  
Residence address: 1388 Tall Maple Loop  
Oviedo, FL 32765

Shanson Wu  
Signature

Date: 5/6/02